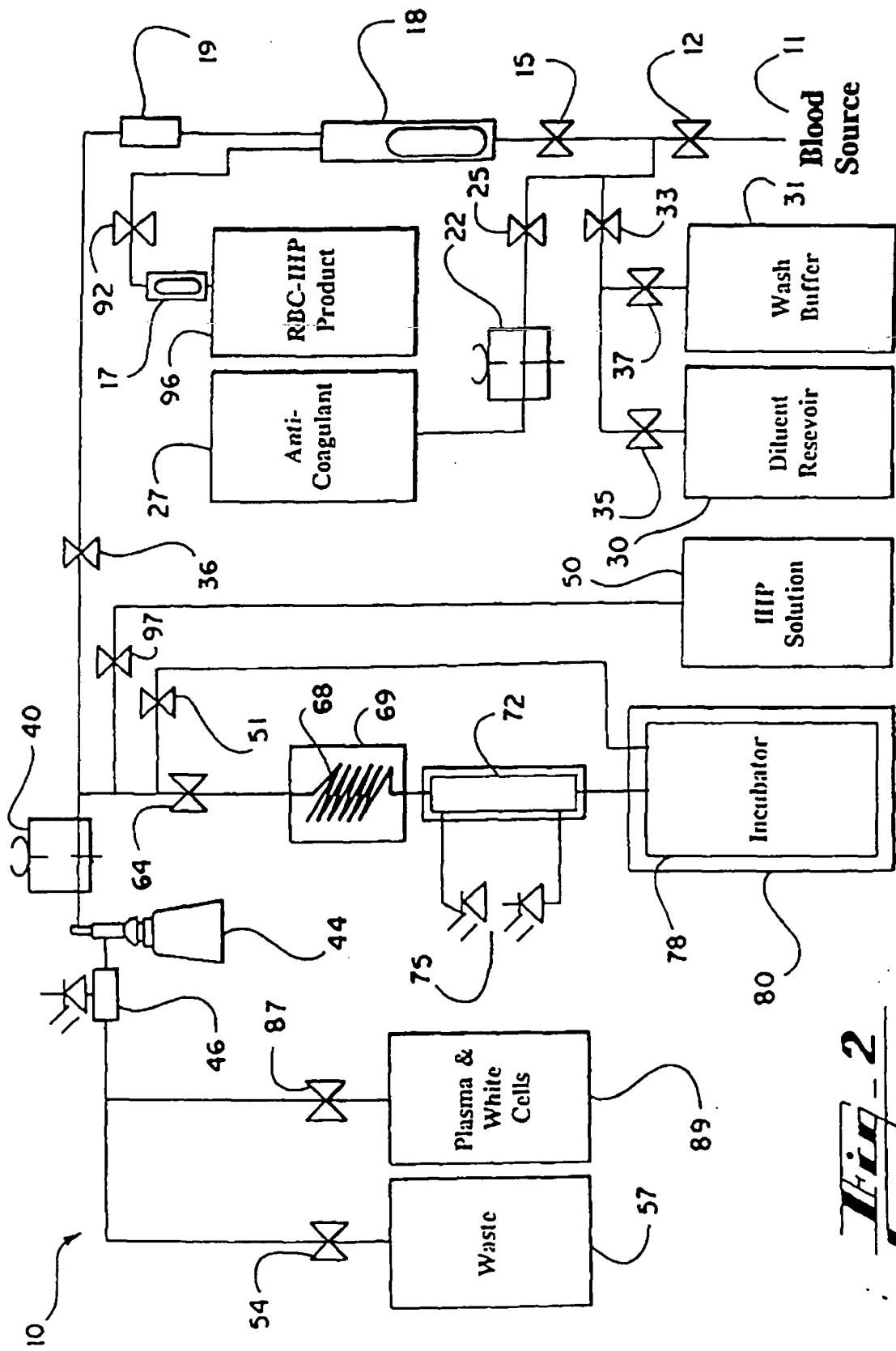
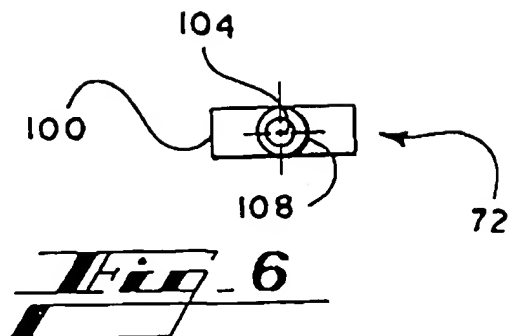
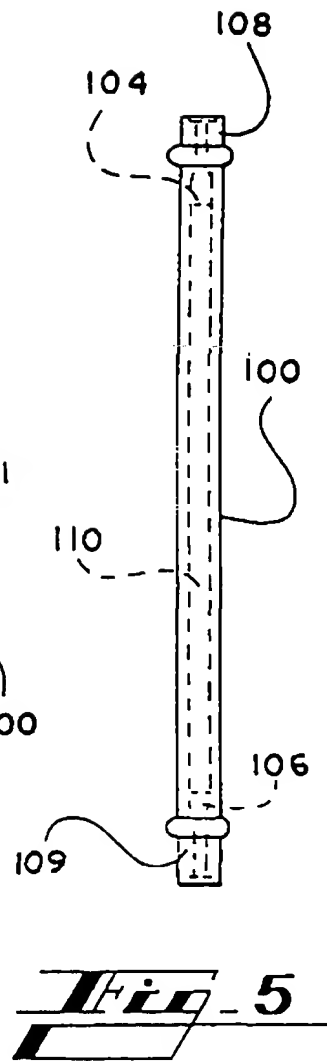
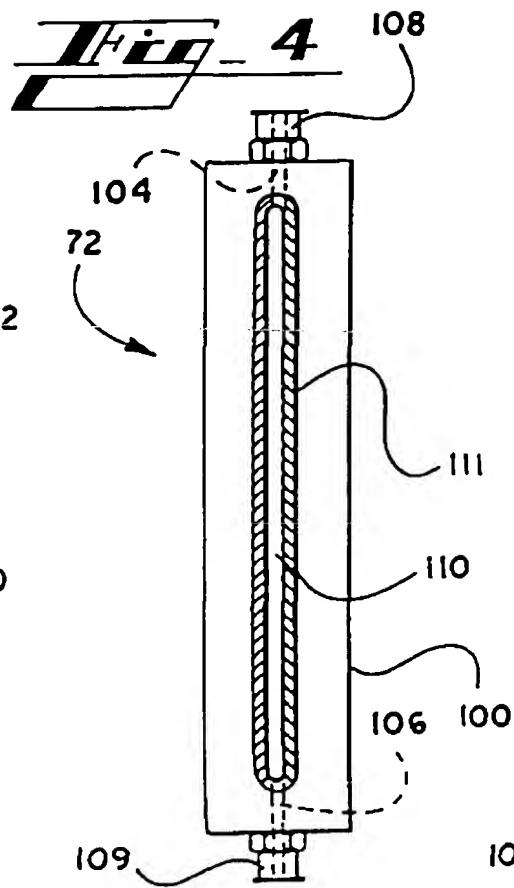
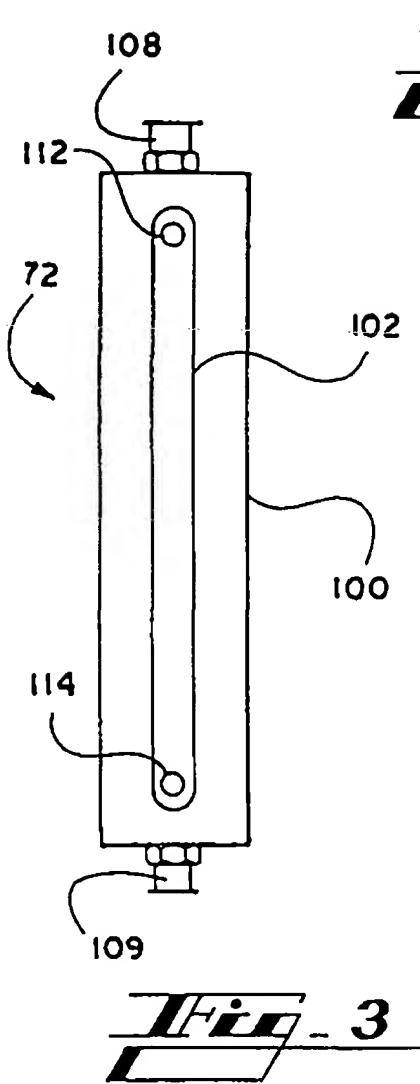


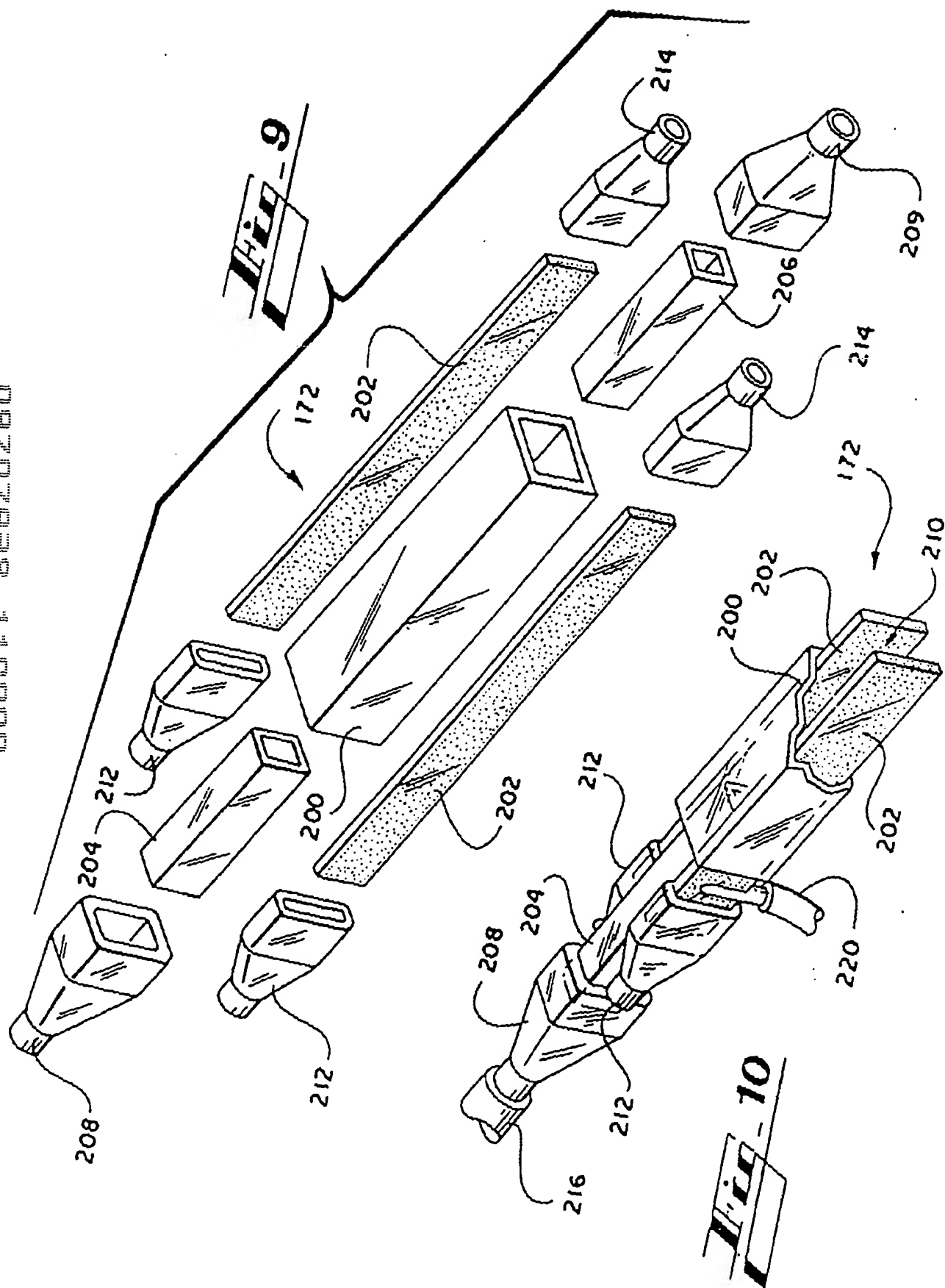
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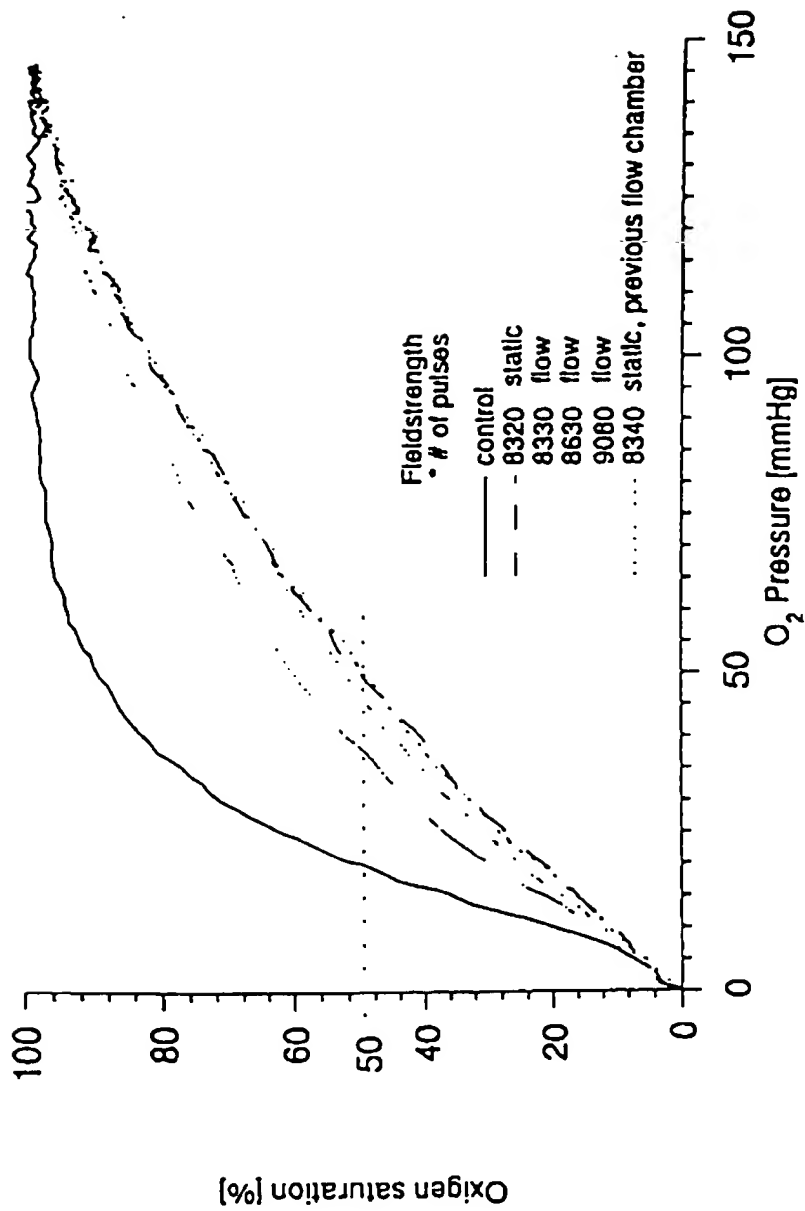


Fig. 11

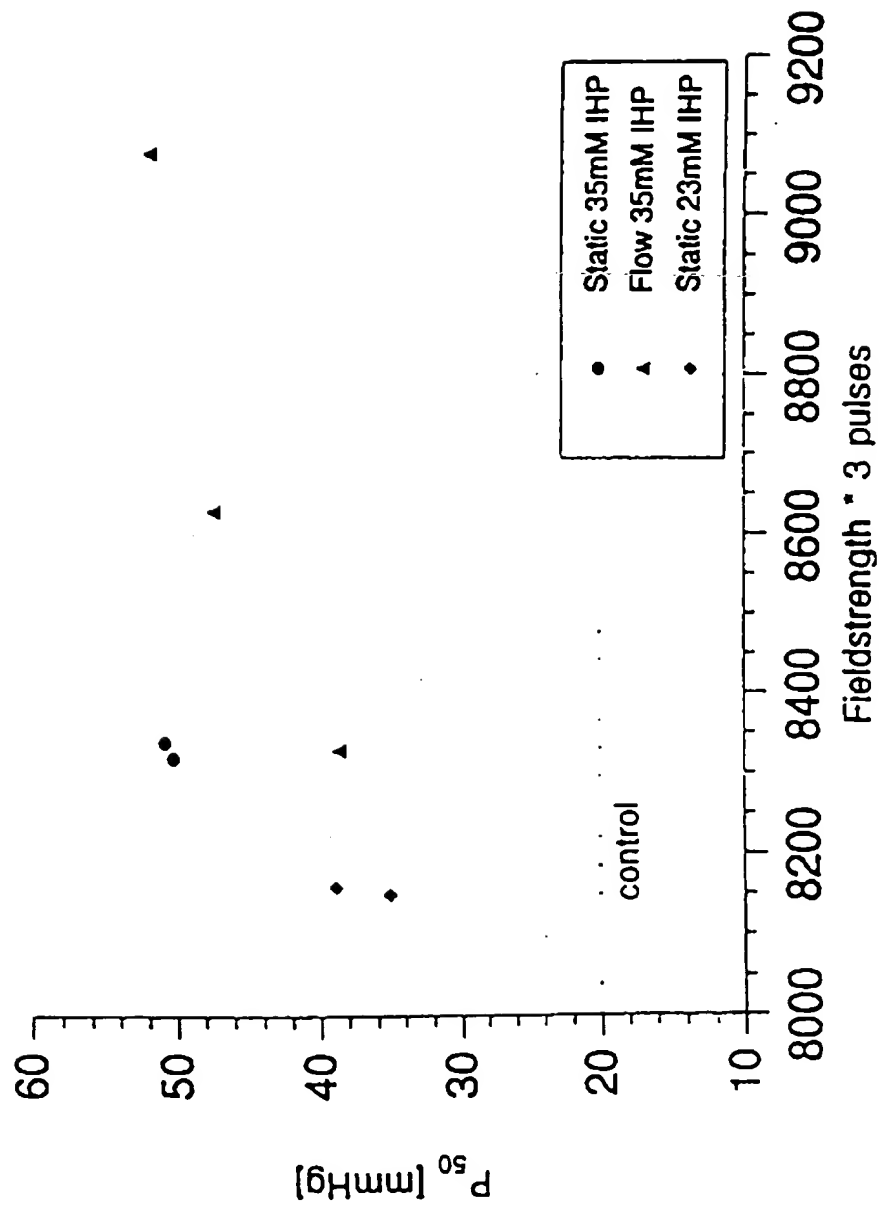


Fig. 12

Fig. 13

FIG. 14

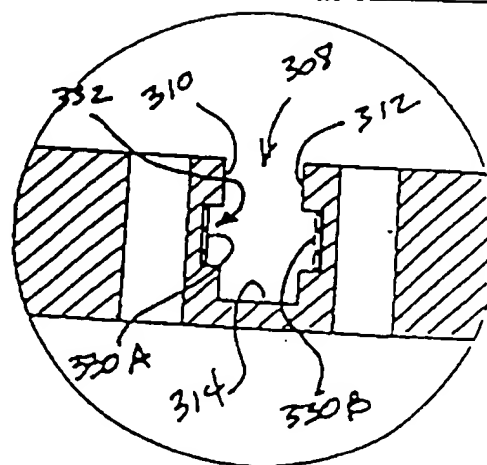
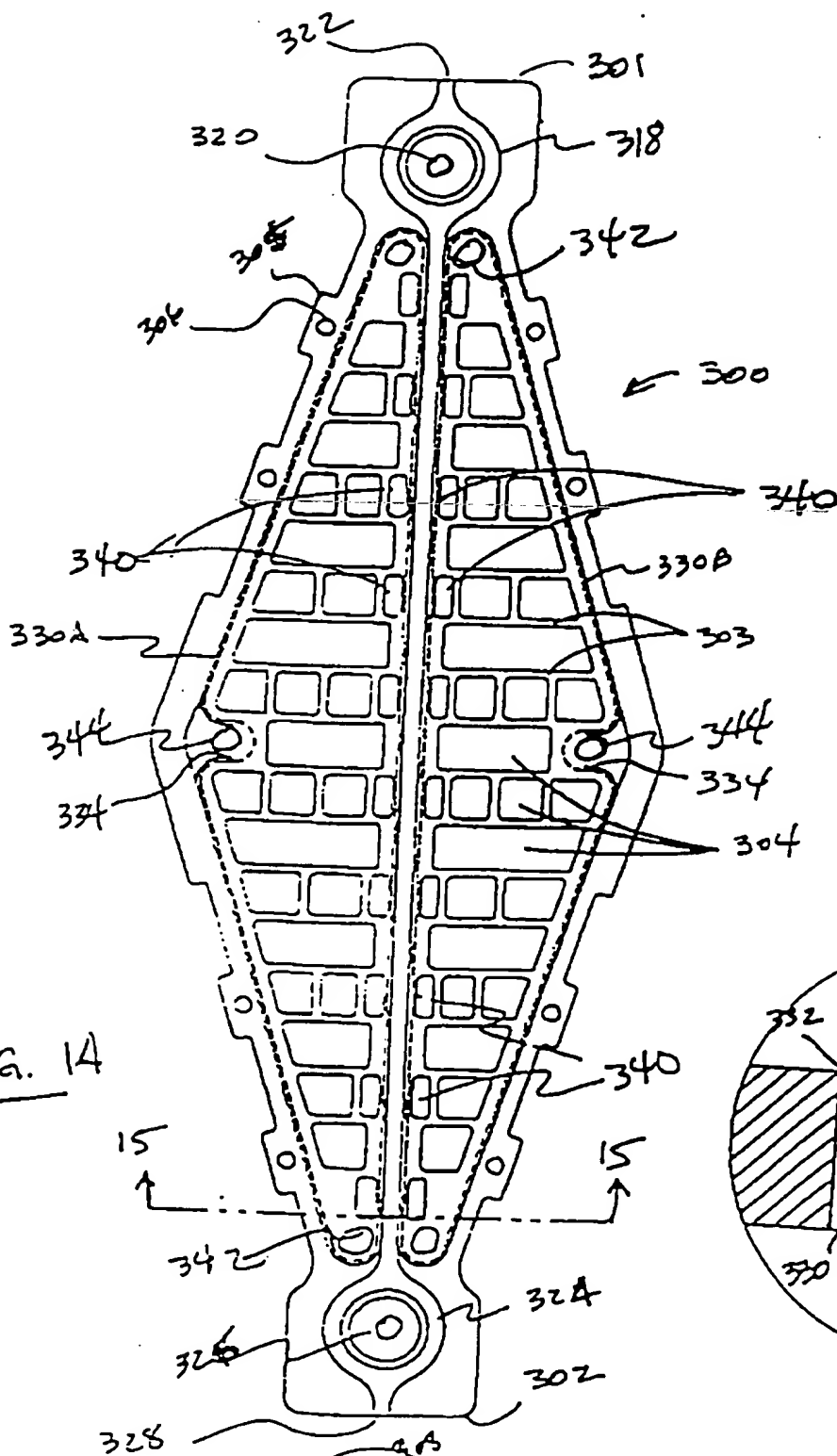


FIG. 16

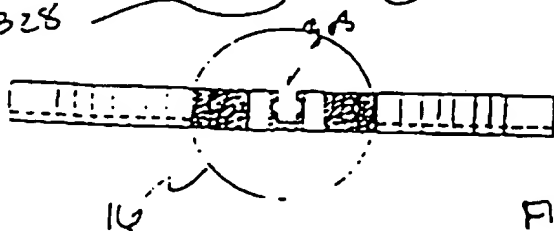
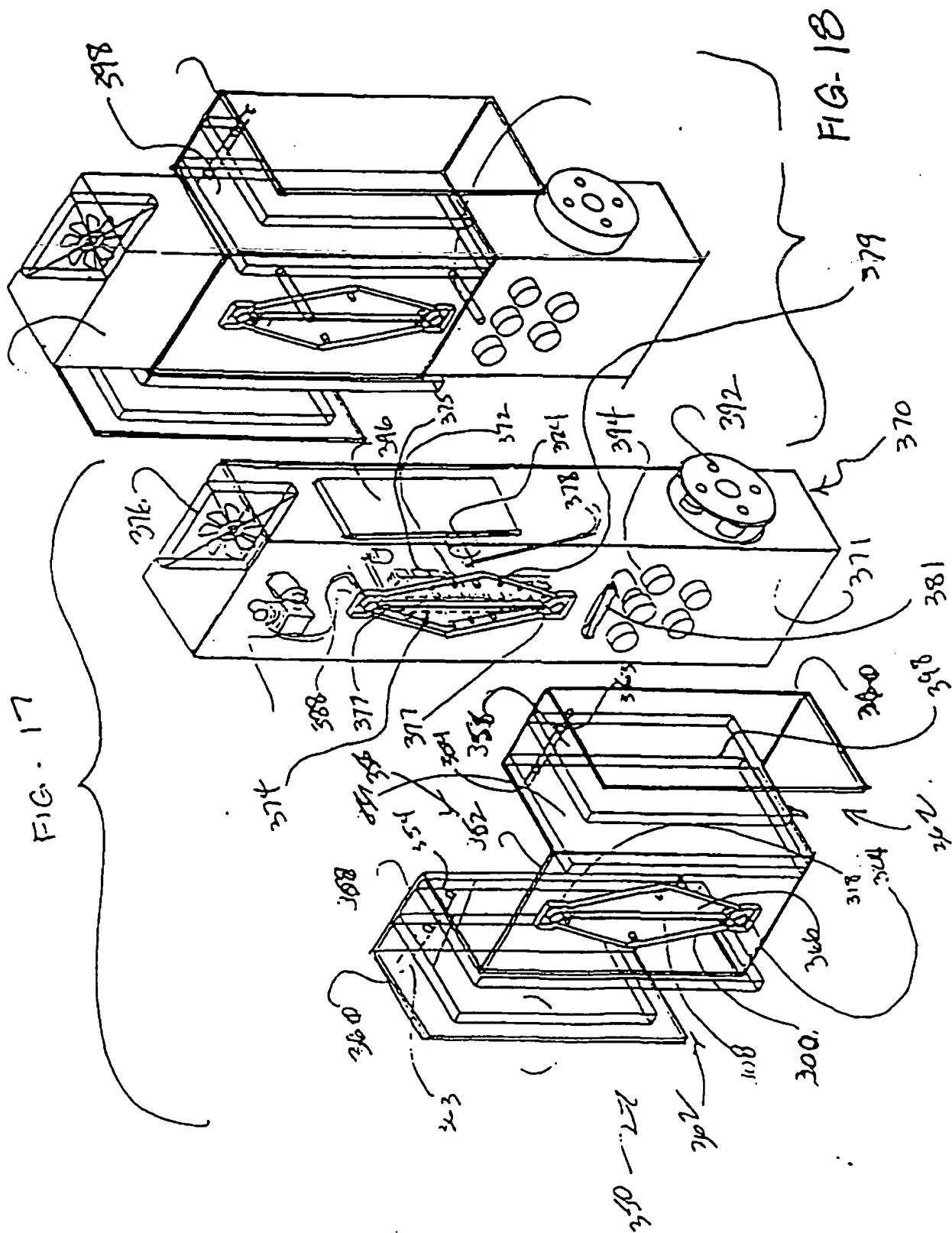
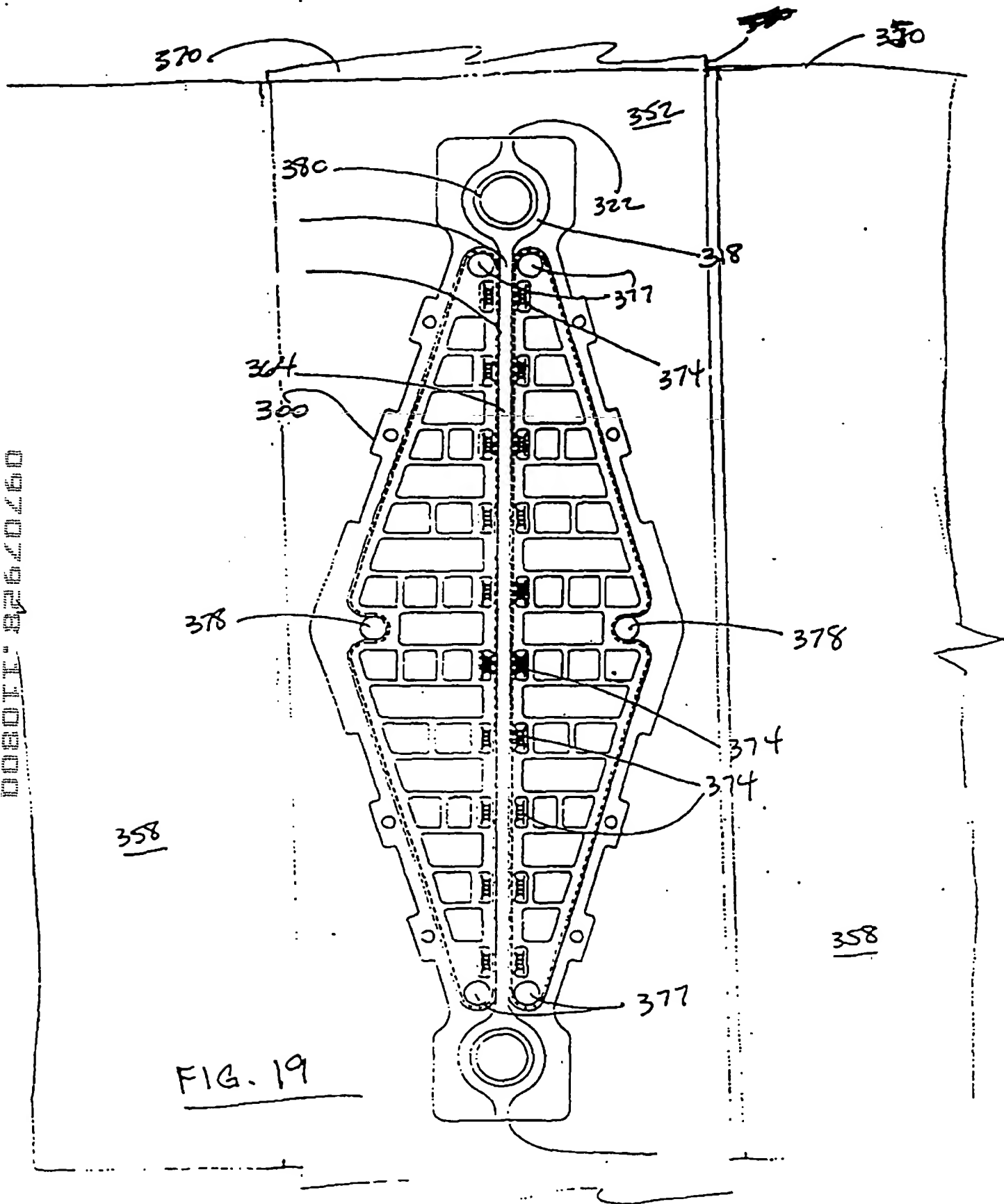


FIG. 15



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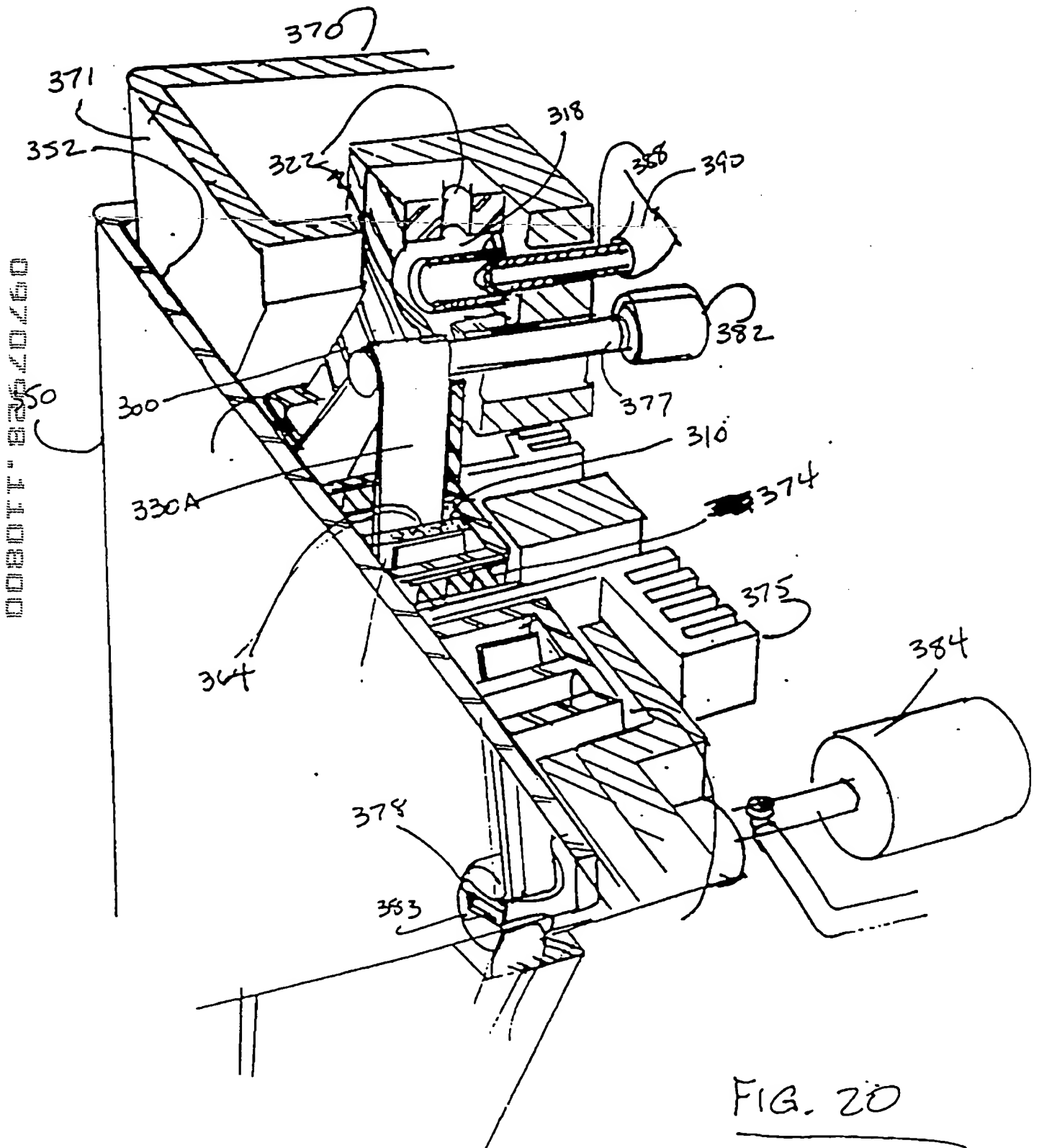


FIG. 20

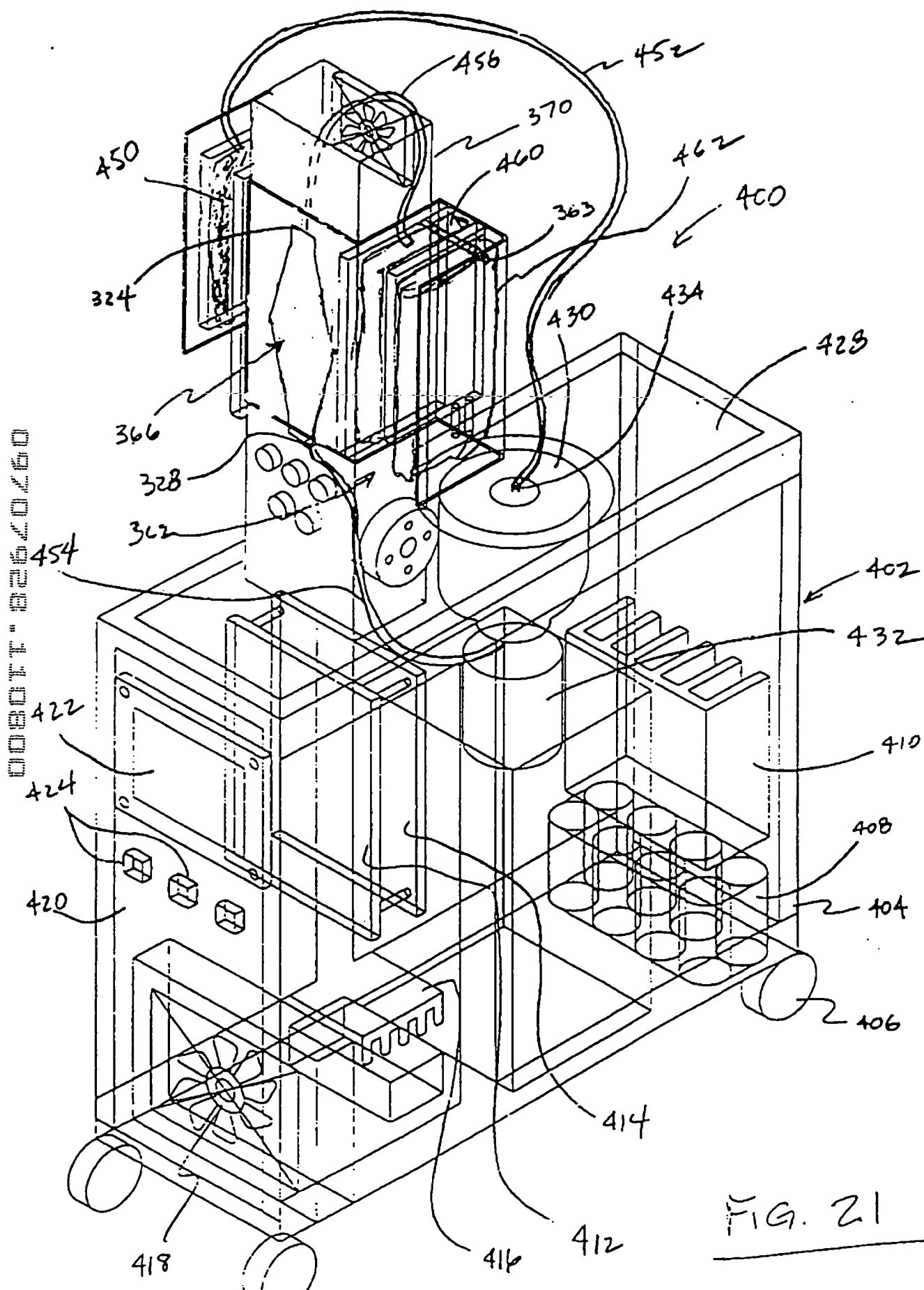


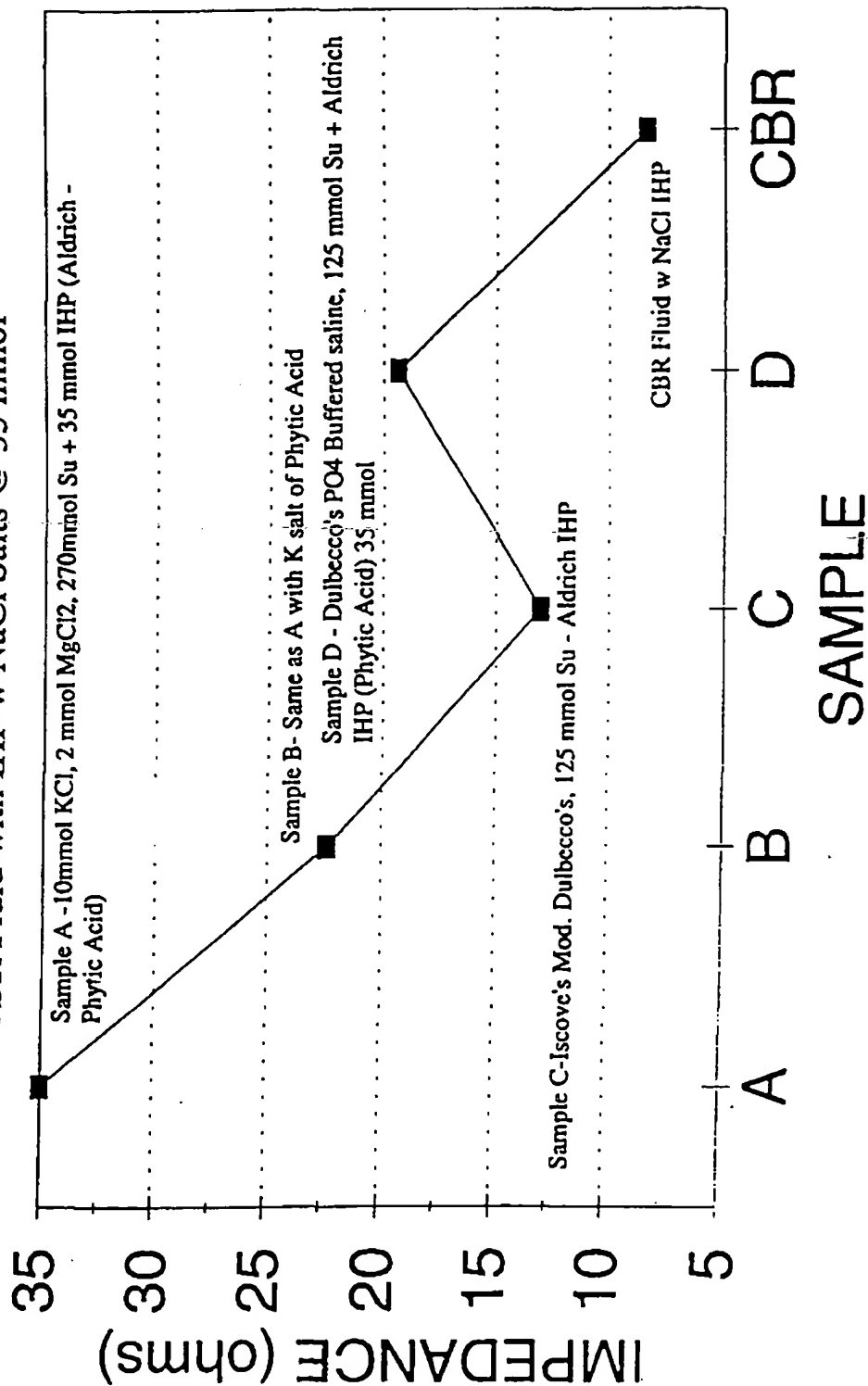
Fig 32

IMPEDANCE IN FLOW CELL

800V, 4 deg C, 40%Hct

Samples A - D w Aldrich IHP @ 35 mmol

CBR Fluid with IHP w NaCl Salts @ 35 mmol



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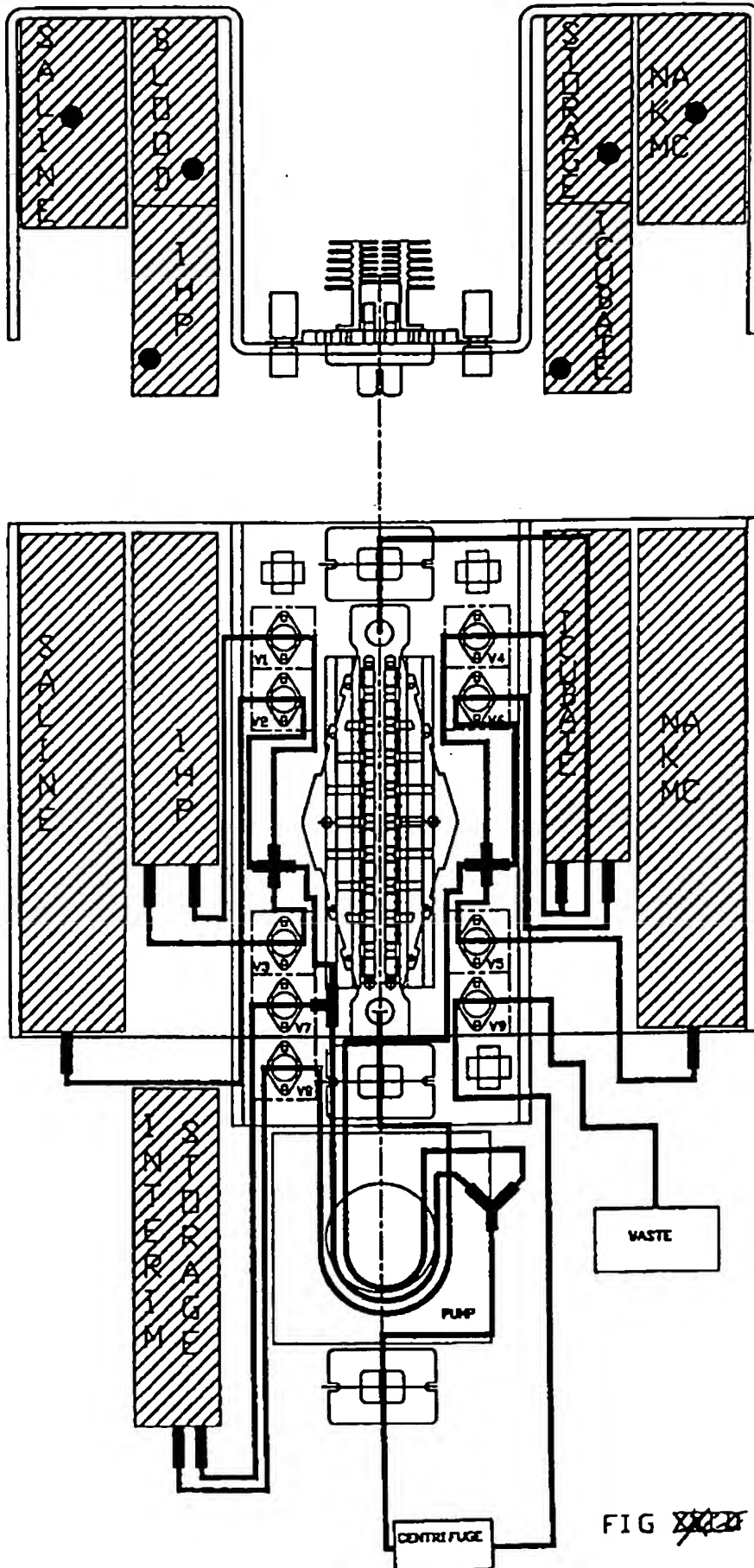


FIG ~~22~~ 23

The diagram illustrates a complex fluid system for experimental purposes. Key components include:

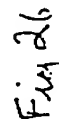
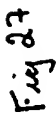
- Tanks:** Two large vertical cylinders at the top, labeled "IHP + NaCl" and "IHP + CUS".
- Pumps:** A "SAUGES PUMP" connected to the first tank, and another "Pump" (510) connected to the second tank.
- Thermal Element:** A component submerged in the lower tank, used for temperature measurement.
- Pipes and Hoses:** Extensive tubing connects the tanks, pumps, and various sensors, with specific sections labeled with numbers (e.g., 500, 515, 520, 525, 530, 535, 540, 545, 550, 555, 560, 575, 580).
- Flow Indicators:** Arrows show the direction of fluid movement throughout the system, leading to a "DRAIN" point.

Fig. 24

A schematic diagram of a closed-loop fluid circulation system. The system includes a rectangular heat exchanger with a series of vertical tubes. The tubes are arranged in a staggered pattern, with the fluid flowing from top to bottom. The heat exchanger is connected to a closed-loop piping system. On the left side, a pump (510) is connected to the inlet of the heat exchanger (515). The fluid flows upwards through the tubes, indicated by an upward arrow. The outlet of the heat exchanger (520) is connected to a reservoir (505) at the bottom. The reservoir is connected to the inlet of the heat exchanger (515) via a return line (535). The fluid flows downwards through the return line, indicated by a downward arrow. The heat exchanger is labeled 525, and the tubes are labeled 526. The reservoir is labeled 505, and the return line is labeled 535. The inlet and outlet connections are labeled 515 and 520 respectively. The fluid flow is indicated by arrows.

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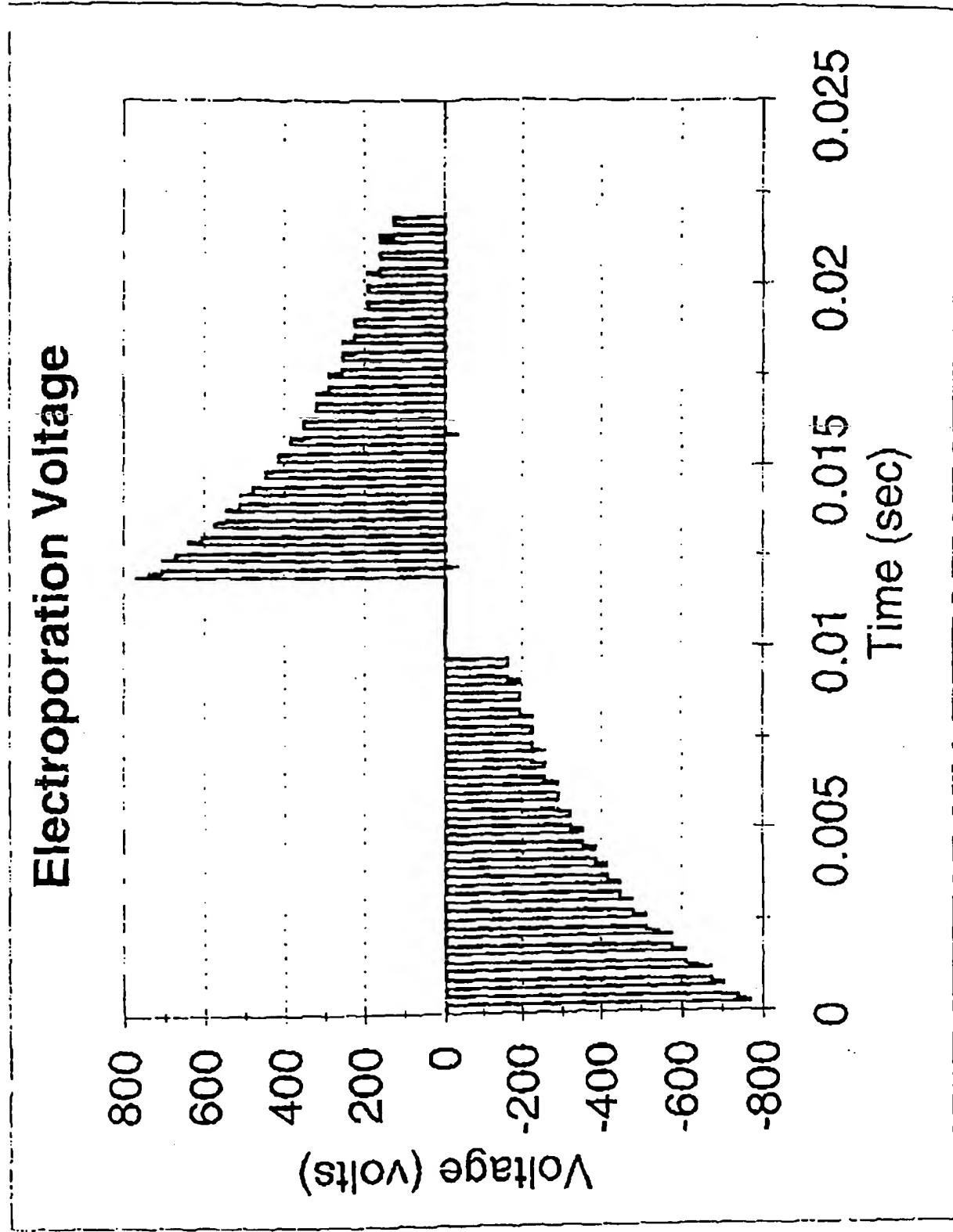


Fig 28